

TECHNICAL ASSISTANCE

When trouble is reported, verify there are no broken connections to the unit. Assistance in troubleshooting is available from the factory. When calling, you should have a Volt-ohm meter and a lineman's test set available and be calling from the job site. Call (540) 563-2000 and ask for Technical Support, or call (540) 767-1555 for Valcom 24-hour Automated Support or visit our website at <http://www.valcom.com>.

Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating your company name, address, phone number, contact person, and the nature of the problem. Send the unit to:

**Valcom, Inc.
Repair and Return Dept.
5614 Hollins Road
Roanoke, VA 24019-5056**

VALCOM LIMITED WARRANTY

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment.
3. the product has not been altered in any way or repaired by others and that factory sealed units are unopened (A service charge plus parts and labor will be applied to units defaced or physically damaged),
4. freight charges for the return of products to Valcom are prepaid,
5. all units 'out of warranty' are subject to a service charge. The service charge will cover minor repairs (Major repairs will be subject to additional charges for parts and labor).

This warranty is in lieu of and excludes all other warranties, expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation, or use of the product.

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.

Headquarters:
Valcom, Inc.
5614 Hollins Road
Roanoke, VA 24019-5056
Phone: (540) 563-2000
FAX: (540) 362-9800

In Canada
CMX Corporation
35 Van Kirk Drive #11 and 12
Brampton, Ontario L7A1A5
Phone: (905) 456-1072
FAX: (905) 456-2269

INSTALLATION INSTRUCTIONS FOR

VALCOM

SUPERVISED SLIMLINE WALL™ AMPLIFIED SPEAKERS



MODEL NO. VL-1042

SUPERVISED ONE-WAY AMPLIFIED SLIMLINE™ WALL SPEAKER

Valcom Supervised Slimline Wall Speaker, VL-1042, is self-amplified and may be used to provide one-way paging from any Valcom one-way or talkback page control. The VL-1042 can be used with Valcom's wiring supervised circuits. This speaker has an externally accessible volume control located behind the grille and is screwdriver adjustable. The VL-1042 will cover an area up to 600 sq. ft. and should be spaced 20 feet apart. Good quality paging will be heard up to 30 feet in front of the speaker. The VL-1042 requires -24 Vdc, 50mA (1 Valcom power unit). The speaker is available in white, black, bronze and gray with a color coordinated cloth grille. Custom colors are available upon request.

Model VL-1042-BK	Black
Model VL-1042-W	White
Model VL-1042-BR	Architectural Bronze (Brown)
Model VL-1042-GY	Gray

US Patent Number D357,682, UK Reg.'d 2041547

Wiring

Make connections as shown in Figure 1. Each connector accepts 18 to 24 AWG wire. See Figure 2.

Note: Do not connect this speaker directly to a 25/70/100 volt amplifier as damage to both the amplifier and speaker may occur.

Connections

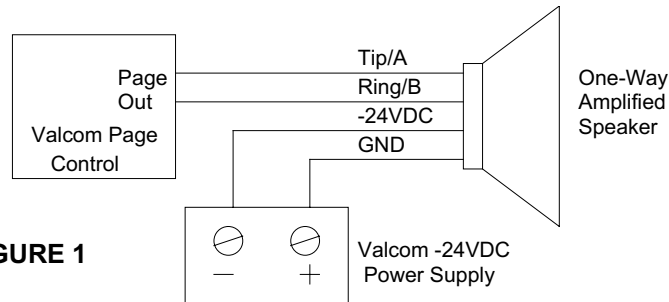


FIGURE 1

Recommended Quantity of Speakers per Specific Power Run

Speakers per Power Run	Wire Run Length (Ft.)	
	24AWG	22AWG
VL-1042		
15	250	400
7	500	800
3	1000	1600

Mounting

The baffle provides two methods of mounting:

1. The baffle can be suspended from a nail or hook by a "hanger" that is attached to the housing. See Figure 2.
2. The unit can be attached to a wall using two mounting bosses. Distance between the mounting boss hole centers is 8.5". Remove grille and secure baffle to wall with screws. This mounting provides better low frequency response for music and a more secure attachment to the wall. See Figure 3.

FIGURE 2

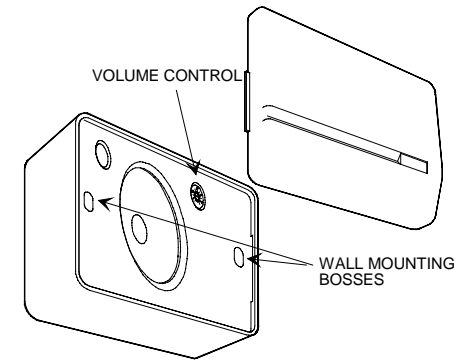
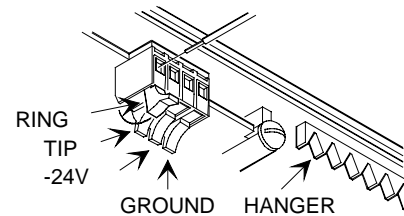


FIGURE 3

TROUBLESHOOTING CHART

SYMPTOM	ACTION
No audio from speaker.	<ol style="list-style-type: none"> 1. Verify volume control is turned up (clockwise). 2. Using a lineman's test set, check for proper audio level on Tip/A and Ring/B leads and if necessary at the source.
Low volume from speaker.	<ol style="list-style-type: none"> 1. Verify volume control is turned up. 2. Check voltage at the speaker when in use, (-18 to -24 Vdc required). 3. Using a lineman's test set, check for proper audio level on Tip/A and Ring/B leads. It is possible some low level audio will be heard with only one side of Tip/A and Ring/B connected.
Loud squeal (feedback).	<ol style="list-style-type: none"> 1. Decrease volume of speaker (counterclockwise). 2. Increase the distance between telephone and speaker. 3. Install confidencer on the telephone in severe problem areas.

Dimensions/Weight

- 7.0"H x 10.3"W x 3.4"D (17.8cm H x 26.2cm W x 8.6cm D)
- 2.8 lbs. (1.27 kg)